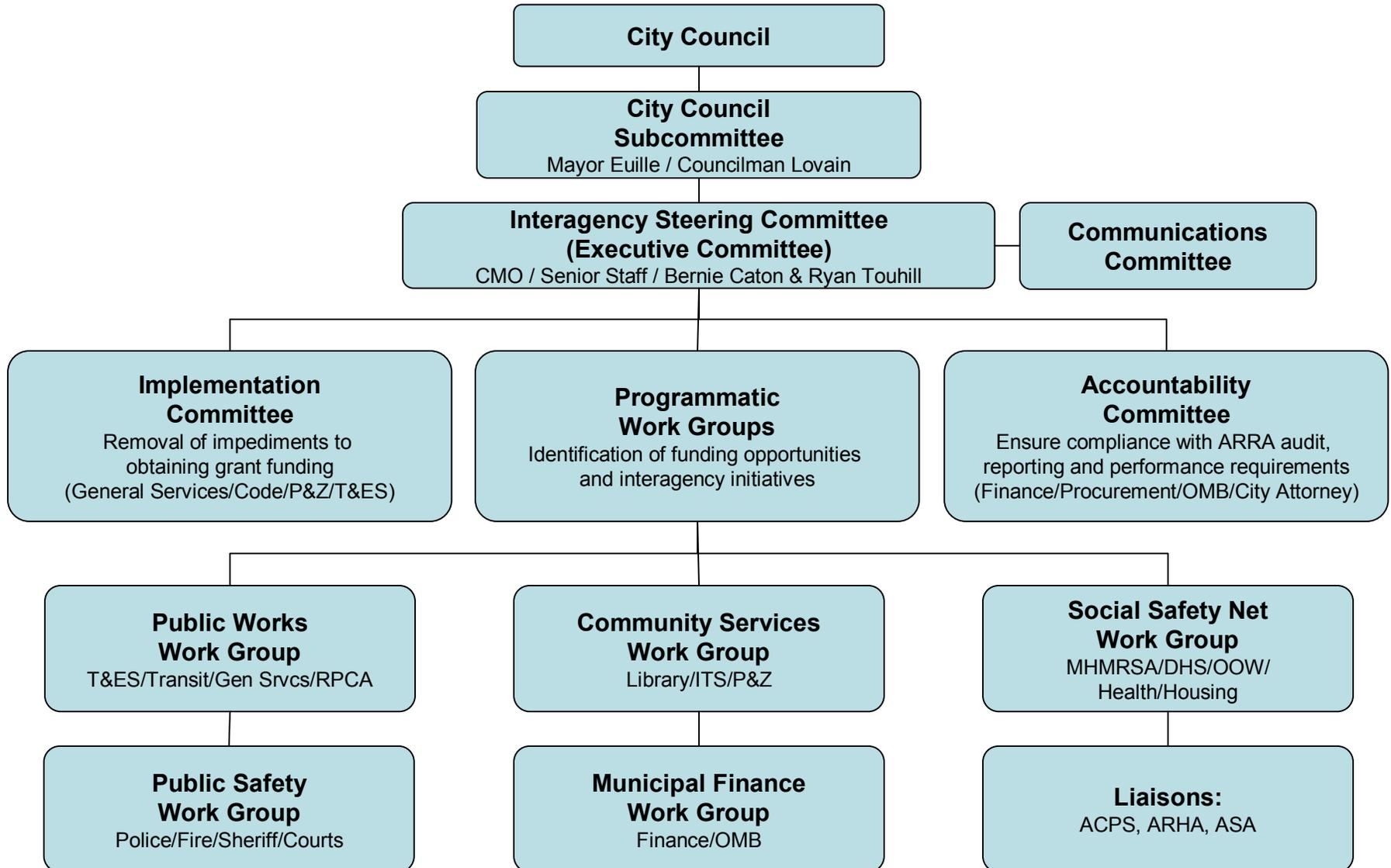


Implementation Work Flow for the American Recovery & Reinvestment Act

City of Alexandria, Virginia



DRAFT
 American Recovery and Reinvestment Act
 Potential Transportation Project Submissions
 As of March 25, 2009

Programmatic Work Group	Submitted By	City Project/Program	Estimated Cost	Potential ARRA Funding Source	Funds Available (Nationwide)	Virginia Allocation	Alexandria Allocation	Formula / Competitive Grant	Direct Allocation (Yes/No)	State Agency Administering Funds	City Project/Program Description
Public Works & Environment	Transportation & Environmental Services	Bicycle Parking at Major Transit Stops	\$500,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Project would improve the integration of bicycling and transit by installing bicycle parking shelters at Alexandria's four Metrorail stops.
Public Works & Environment	Transportation & Environmental Services	Bicycle Sharing Initiatives	\$500,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Establishment of a bike-sharing program which would enable customers to rent bicycles from a fleet at one location and return it to another. Intended use is for short one-way rentals.
Public Works & Environment	Transportation & Environmental Services	DASH Bus Bike Racks	\$400,000	Highway Infrastructure Funds (FHWA) Transit Capital Funds (FTA)	\$27.5 B \$6.9 B	\$700 M Unknown		Formula & Comp. Grant	No	Virginia Dept of Transportation	Funds would be used for the purchase and installation of foldable bike racks on all existing DASH buses.
Public Works & Environment	Transportation & Environmental Services	Eisenhower Greenway Multi-use Trail (Phase 1A)	\$750,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Funds would be used for the construction phase of multi-use trail along Eisenhower Avenue.
Public Works & Environment	Transportation & Environmental Services	Holmes Run Greenway Trail Enhancements	\$4,000,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Aspects of the project that stimulus funding would be used for include: improvements to a fair weather crossing with culverts across Holmes Run, reconstruction of greenways, and improvements to a reclamation tunnel/culvert.
Public Works & Environment	Transportation & Environmental Services	I-395 Overpass Paving	\$1,500,000	TBD	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Repave/refurbish overpasses on Duke Street, King Street and Eisenhower Avenue.
Public Works & Environment	Transportation & Environmental Services	King Street Paving	\$1,200,000	TBD	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Repave/refurbish King Street from the Waterfront to Commonwealth Avenue.
Public Works & Environment	Transportation & Environmental Services	King Street Sidewalk Rehabilitation	\$3,450,000	TBD							Sidewalk paving maintenance and rehabilitation work on King Street between Potomac Waterfront and Washington Street
Public Works & Environment	Transportation & Environmental Services	Madison/Montgomery Street Rehabilitation	\$6,400,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Project provides for the reconstruction of Madison and Montgomery Streets.
Public Works & Environment	Transportation & Environmental Services	Mount Vernon Trail Rehabilitation	\$1,000,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Design and construct rehabilitation and safety improvements to the pedestrian corridor along the Mount Vernon Trail.
Public Works & Environment	Transportation & Environmental Services	Old Town Street Paving	\$2,100,000	TBD	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Provides for the paving of City streets including all streets in Historic Old Town.
Public Works & Environment	Transportation & Environmental Services	Traffic Signal LED Lamp Conversion	\$800,000	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula & Comp Grant	Yes	N/A	Funds would be used to furnish and replace all of the existing traffic signal displays with energy efficient LED lamps.
Public Works & Environment	Transportation & Environmental Services	Purchase of King Street Trolleys	\$2,400,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Funds would be used to purchase several trolleys for use on King Street.
Public Works & Environment	Transportation & Environmental Services	Safe Routes to School	\$2,500,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Improves bicycle and pedestrian conditions near schools and includes and education/outreach component for students.
Public Works & Environment	Transportation & Environmental Services	Edsall Road Reconstruction	\$5,400,000	TBD							Project addresses the deterioration of road pavement and subbase along Edsall Road from Whiting Street to the western City limit.
Public Works & Environment	Transportation & Environmental Services	Eisenhower Avenue Metro Platform Extension	\$3,500,000	Transit Capital Investment/Small Starts Program	\$750 M			Comp Grant	No	Federal Transit Administration	Project would rebuild the existing Eisenhower Avenue Metro Station platform so that it provides access to the north of Eisenhower Avenue.
TOTAL			\$36,400,000								

DRAFT
American Recovery and Reinvestment Act
CITYWIDE "GREEN" PROJECTS
As of March 17, 2009

Programmatic Work Group	Submitted By	City Project/Program	Estimated Cost	Potential ARRA Funding Source	Funds Available (Nationwide)	Virginia Allocation	Alexandria Allocation	Formula / Competitive Grant	Direct Allocation (Yes/No)	State Agency Administering Funds	City Project/Program Description
ITS/Broadband	ITS	Server Virtualizations	\$1,100,000	Energy Efficiency and Conservation Block Grants (US DOE)	\$6.3 B	Unknown	Unknown	Formula & Comp Grant	Yes	N/A	Funding would be used to implement a enterprise wide server virtualization project. This project combines software and hardware elements to reduce the number of physical serves needed. Virtualization can result in as much as a 75% reduction in energy costs.
Liaison: ASA	Alexandria Sanitation Authority	Chemical and Process Air System Upgrades	\$2,500,000	Clean Water Revolving Loan Fund	\$4 B			Comp Application	No	VA DEQ	Project would reduce ASA's environmental footprint by improving the plant's energy efficiency and reduce its greenhouse gases.
Liaison: ASA	Alexandria Sanitation Authority	Enhance Nutrient Removal	\$151,000,000	Clean Water Revolving Loan Fund	\$4 B			Comp Application	No	VA DEQ	This project would provide upgrades to the plant so that ASA can meet nutrient discharge limits and loads for nitrogen and phosphorus in accordance with VA DEQ and Chesapeake Bay requirements.
Liaison: ASA	Alexandria Sanitation Authority	Water Reuse and Reclamation	\$30,000,000	Clean Water Revolving Loan Fund	\$4 B			Comp Application	No	VA DEQ	More details to be provided.
Public Safety	Sheriff	Detention Center Roof Replacement	TBD	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula (\$2.8B) and Comp. Grant (\$400 M)	Yes	N/A	Replace the roof on the Alexandria Detention Center with green components.
Public Safety	Sheriff	Detention Center Lighting Upgrade	TBD	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula (\$2.8B) and Comp. Grant (\$400 M)	Yes	N/A	Upgrade the lighting fixtures at the Detention Center to energy efficient standards.
Public Safety	Sheriff	Detention Center HVAC System	TBD	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula (\$2.8B) and Comp. Grant (\$400 M)	Yes	N/A	Replacement of the HVAC system at the Detention Center. New system would be more energy efficient and reduce utility costs.
Public Safety	Sheriff	Carpet Replacement	TBD	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula (\$2.8B) and Comp. Grant (\$400 M)	Yes	N/A	Replace carpeting in the Detention Center housing areas. New carpeting would include green elements and this project could potentially be included in a full-scale green building initiative at the Detention Center.
Public Safety	Sheriff	Solar Power	TBD	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula (\$2.8B) and Comp. Grant (\$400 M)	Yes	N/A	Funds would be used to install photovoltaic panels on the Public Safety Complex roof to generate electrical power for the facilities.
Public Safety	Sheriff	Solar Hot Water System	TBD	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula (\$2.8B) and Comp. Grant (\$400 M)	Yes	N/A	Funds would be used to install a solar hot water system to meet the hot water demands of the Public Safety Complex. Reducing the demand on the boilers would save energy costs and prolong the boiler's life.
Public Works & Environment	TBD	Green Loan Program	TBD	Energy Efficiency and Conservation Block Grants (US DOE)							Project would establish a loan program to fund green initiatives. Local governments would finance the loan program through EECBG.
Public Works & Environment	General Services	TES/Rec Maint. Facility Solar Roof	\$1,400,000	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula (\$2.8B) and Comp. Grant (\$400 M)	Yes	N/A	Project provides for the design and construction of a rooftop solar power generation system.
Public Works & Environment	General Services	Patrick Henry Recreation Center	\$6,200,000	TBD	TBD						The project provides for the design and construction of a new recreation facility to replace the existing 35 year old center. The current design delineates \$700,000 for the inclusion of LEED energy and environmental elements.

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Public Works & Environment	General Services	Energy Conservation Program	\$1,500,000	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B	Unknown	Unknown	Formula (\$2.8B) and Comp. Grant (\$400 M)	Yes	N/A	Program involves the assessment of energy consumption at City facilities, evaluation of energy efficiency measures at City facilities and the development of strategies to target high-consumption facilities. Overall program goal is to make City facilities more energy efficient. Funding would allow for the accelerated implementation of these strategies.
Public Works & Environment	Transportation & Environmental Services	Bicycle Parking at Major Transit Stops	\$500,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Project would improve the integration of bicycling and transit by installing bicycle parking shelters at Alexandria's four Metrorail stops.
Public Works & Environment	Transportation & Environmental Services	Bicycle Sharing Initiatives	\$500,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Establishment of a bike-sharing program which would enable customers to rent bicycles from a fleet at one location and return it to another. Intended use is for short, one-way rentals.
Public Works & Environment	Transportation & Environmental Services	DASH Bus Bike Racks	\$400,000	Highway Infrastructure Funds (FHWA) Transit Capital Funds (FTA)	\$27.5 B \$6.9 B	\$700 M Unknown		Formula Formula & Comp. Grant	No	Virginia Dept of Transportation	Funds would be used for the purchase and installation of foldable bike racks on all existing DASH buses.
Public Works & Environment	Transportation & Environmental Services	Eisenhower Greenway Multi-use Trail (Phase 1A)	\$750,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Funds would be used for the construction phase of multi-use trail along Eisenhower Avenue.
Public Works & Environment	Transportation & Environmental Services	Holmes Run Greenway Trail Enhancements	\$4,000,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Aspects of the project that stimulus funding would be used for include: improvements to a fair weather crossing with culverts across Holmes Run, reconstruction of greenways, and improvements to a recreation tunnel/culvert.
Public Works & Environment	Transportation & Environmental Services	King Street Sidewalk Rehabilitation	\$3,450,000								Sidewalk paving maintenance and rehabilitation work on King Street between Potomac Waterfront and Washington Street
Public Works & Environment	Transportation & Environmental Services	Mount Vernon Trail Rehabilitation	\$1,000,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Design and construct rehabilitation and safety improvements to the pedestrian corridor along the Mount Vernon Trail.
Public Works & Environment	Transportation & Environmental Services	Safe Routes to School	\$2,500,000								
Public Works & Environment	Transportation & Environmental Services	Street Light LED Lamp Conversion		Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula & Comp Grant	Yes	N/A	Replacement of existing street light bulbs with energy efficient, LED technology.
Public Works & Environment	Transportation & Environmental Services	Traffic Signal LED Lamp Conversion	\$800,000	Energy Efficiency and Conservation Block Grants (US DOE)	\$3.2 B			Formula & Comp Grant	Yes	N/A	Funds would be used to furnish and replace all of the existing traffic signal displays with energy efficient LED lamps.
Public Works & Environment	Transportation & Environmental Services	Trolley Purchase	\$2,400,000	Highway Infrastructure Funds (FHWA)	\$27.5 B	\$700 M		Formula	No	Virginia Dept of Transportation	Funds would be used to purchase several trolleys for use on King Street.
Public Works & Environment	Transportation & Environmental Services	West End Storm Sewer Relining		TBD							Relining of West End storm water lines to repair the lines and restore full usage of the storm water system.
Public Works & Environment	Transportation & Environmental Services	Edsall Road Reconstruction	\$5,400,000								Project addresses the deterioration of road pavement and subbase along Edsall Road from Whiting Street to the western City limit.
Public Works & Environment	Transportation & Environmental Services	Eisenhower Avenue Metro Platform Extension	\$3,500,000	Transit Capital Investment/Small Starts Program	\$750 M			Comp Grant	No	Federal Transit Administration	Project would rebuild the existing Eisenhower Avenue Metro Station platform so that it provides access to the north of Eisenhower Avenue.
Social Safety Net	Human Services	Meals for Homebound Seniors	\$8,000	Senior Nutrition Programs	\$65 M			Formula	No	VA Dept for the Aging	Project would provide shelf stable meals to homebound seniors living in Alexandria twice per year.
Social Safety Net	Housing	Rehabilitation of Rental Housing	\$335,003	Community Development Block Grant (US HUD)	\$1 B		\$335,003	Formula	Yes	N/A	Rehabilitation of a non profit owned multifamily rental housing (previously assisted with City funds).